

Title (en)

ICE-FREE VITRIFICATION AND NANO-WARMING OF LARGE TISSUE SAMPLES

Title (de)

EISFREIE VERGLASUNG UND NANOWÄRMEBEHANDLUNG GROSSER GEWEBEPROBEN

Title (fr)

VITRIFICATION ET NANO-RÉCHAUFFEMENT SANS GLACE DE GRANDS ÉCHANTILLONS DE TISSU

Publication

EP 4054327 A1 20220914 (EN)

Application

EP 20816711 A 20201104

Priority

- US 201962931943 P 20191107
- US 2020058843 W 20201104

Abstract (en)

[origin: US2021137099A1] Large volume cellular material may be preserved by combining the cellular material with a cryoprotectant formulation/medium/solution containing at least one mNP and then subjecting the cellular material to a vitrification preservation protocol including nanowarming. This preservation method is particularly effective for cartilage tissues.

IPC 8 full level

A01N 1/02 (2006.01); **A01N 59/16** (2006.01)

CPC (source: EP US)

A01N 1/021 (2013.01 - EP); **A01N 1/0221** (2013.01 - EP US); **A01N 1/0284** (2013.01 - EP); **A01N 1/0294** (2013.01 - EP); **A01N 59/16** (2013.01 - EP)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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